

CLAIMS

1. An intermittent urethra self-retaining catheter set comprising a catheter unit, a disinfectant casing, and a cap;
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said catheter unit including: a catheter body having an urine-guiding passage and a water-guiding passage that extend along a longitudinal direction and are separated from each other, a balloon attached to a distal end of said catheter body in an inflatable manner and communicated to
10 said water-guiding passage, an elastic plug attached to an intermediate portion of said catheter body, a branched tube bifurcated from said catheter body above said elastic plug and communicated to said water-guiding passage, a reservoir
15 attached to a free end of said branched tube in a collapsible manner for storing a sterilized water, an on-off valve attached to an intermediate portion of said branched tube, and a reinforcement tube inserted into an upper interior of said urine-guiding passage in said
20 catheter body;

said disinfectant casing being detachably fitted on said elastic plug in a sealing manner for containing a lower part of said catheter body below said elastic plug and for storing a disinfectant liquid;

25 said cap being detachably fitted on a top portion of said catheter body for opening and closing an outlet port; and

said on-off valve being adapted to open and close a

passage in which said sterilized water flows between said reservoir and said balloon.

2. A catheter set according to Claim 1 wherein said branched tube is detachably connected to said catheter body.

5 3. A catheter set according to Claim 1 wherein said cap includes a connection plug body, a hinge section, and a lid that are made of a synthetic resin material integrally together with one another, wherein an engaging member made of a flexible material is mounted on a central portion of
10 an inner surface of said lid, and wherein a pull string is attached to an end of said lid.

4. A catheter set according to Claim 3 wherein a first annular magnet is secured to a top surface of said connection plug body and a second annular magnet is secured
15 to an inner surface of said lid to surround said engaging member.

5. A catheter set according to Claim 1 wherein said on-off valve includes a valve body, a plunger, and a pull string, wherein said valve body includes a recess that
20 supports said plunger to permit said plunger to reciprocate in said recess with a frictional resistance, a first tube communicated to said reservoir, and a second tube communicated to said branched tube, wherein said plunger includes a plunger body that can reciprocate in said recess
25 with a frictional resistance, a flange, and a communication hole, and wherein said pull string is bound on said flange of said plunger to form a hoop.

6. A catheter set according to Claim 1 wherein an

absorbing material is mounted on an inner peripheral surface around an upper outlet of said disinfectant casing.

7. A catheter set according to Claim 1 wherein a distal end of said catheter body is formed into a curved

5 configuration.